

PI 543748-continued

origin: United States. **origin institute:** Tennessee Agr. Exp. Sta., University of Tennessee, Knoxville, Tennessee 37901-1071. **cultivar:** EMBRYOGEN-P. **pedigree:** Derived from one plant of Potomac which produced somatic embryos from basal leaf segments cultured in vitro in medium containing 30 uM dicamba (3,6-dichloro-2-methoxybenzoic acid). **other id:** GP-2. **group:** CSR-ORCHARDGRASS. **remarks:** High capacity for producing somatic embryos directly from basal leaf segments cultured in vitro and from suspension cultures. Plant phenotypically normal in color and morphology. Fertile and can be used in crosses with other genotypes. Breeding Material. Plant.

PI 543749. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Gupta, S.C., Institut Senegalais de Recherches Agric., (ISRA), Bulawayo, Zimbabwe; and ICRISAT. **remarks:** ICMV 2 (IBV 8001). Received August 21, 1990.

origin: Zimbabwe. **origin institute:** SADCC/ICRISAT, Sorghum and Millets Program, Bulawayo. **cultivar:** ICMV 2. **pedigree:** Developed by recombining three entries: a line resistant to downy mildew (700516) from Nigeria, a composite (Serere 2A) from Uganda, and a Cassady dwarf population from Kansas, USA. **other id:** IBV 8001. **other id:** CV-4. **group:** CSR-MILLET, PEARL. **remarks:** Height medium (1.8-2.8m). Stems robust. Resistant to lodging. Flowers in 47-68 days. Matures in 85-100 days. Anther color is mixed. Heads medium long (30-41cm), cylindrical, non-bristled, and very compact. Good resistance to downy mildew (*Sclerospora graminicola*) and smut disease (*Tolyposporium penicillariae*). Grain medium size, obovate, slate grey in color, with a vitreous endosperm. Spring Annual. Cultivar. Seed.

PI 543750. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Denton, I.R., IBPGR, Rome, Italy; and Toll, J.A., IBPGR, Rome, Italy. **remarks:** Received through IBPGR, Rome, Italy. Received 1978.

donor id: 328. **origin:** Kenya. **collected:** 1978. **collector id:** 328. **other id:** NSL 184143.01. **other id:** FAO49236. **locality:** Kandae village, Kitui, Eastern Province. **remarks:** Sown late September, harvested late February. Cultivated. Seed.